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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/726,848	11/29/2000	Yoon Kean Wong	PALM-3529.US.P	1951

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EXAMINER	
LAO, LUN YI	

ART UNIT	PAPER NUMBER
2629	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	09/726,848	WONG, YOON KEAN	
	Examiner	Art Unit	
	LUN-YI LAO	2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *22 February 2007*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-32* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-32* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *29 November 2000* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1-6, 8-11, 13-17, 19-28, 30 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oh(6,771,250) in view of Kato et al(6,297,795) and Griffin et al(6,396,482).

As to Claims 1-6, 8-11, 13-17, 19-28, 30 and 32, Oh teaches a personal digital assistant jog dial application access and activation system (10) that includes, a display (50) for displaying an image including listing of applications (120-135)(see figures 1-2, 4 and column 4, lines 13-20), a central processor (60) for processing the information, a memory (70) for storing information and instruction for the central processor(60), and a Jog dial (40) for accessing and activating an application and coupled to data bus(see figures 1-4; column 3, lines 22-45 and column 4, lines 1-23).

Oh teaches a memory(70). Oh fails to a memory having RAM and ROM and a plurality of buttons in communication with the processor.

Kato et al teach a jog dial application access system comprising a display(11) for displaying a listing of applications(see figure 9) ; a central processor(20); a RAM(23); a ROM(24 or 25) and a jog dial(12)(see figures 1-5, 9-11; column 9, lines 64-68; column 10, lines 1-33 and lines 59-67; and column11, lines 1-25). It would have been obvious to have modified Oh with the teaching of Kato et al, so the changeable programs could store in an RAM to allow a writing operation and reading operation at low cost, small size, low electric power consumption and high-speed access, the non-changeable programs could stored in an ROM to simplify the circuit configuration of a system and provide better data retention and longer life.

Griffin et al teaches a portable electronic device comprising a plurality of buttons(901-906) in communication with the processor(400)(see figures 1-3, 6; column 6, lines 1-31 and column 7, lines 14-29). It would have been obvious to have modified Oh as modified with the teaching of Griffin et al, so as to enable a user to enter more information(character, number, etc.) to a processor.

As to claims 4, 11, 14-17, 19, 20, 28 and 30, Oh teaches the selection of the items(110) is carried out by highlighting indicator on the display when the jog dial(40) is rotated(see figures 1-2, 4 and column 4, lines 14-20).

As to claims 4, 11, 14-17, 19, 20, 28 and 30, Kato et al teach the selection of the items is carried out by highlighting indicator on the display when the jog dial(12) is rotated(see figures 1, 9-12 and column 11, lines 1-25).

As to claim 5, Kato et al teaches depressing (clicking) the jog dial to activate the system (see figures 1, 9; column 8, lines 61-68; column 9, lines 1-6; column 11, lines 13-25).

As to claims 6 and 16, Oh teaches that the highlight indicator moves up the application list when the jog dial(40) is rotated up and moves down the application list when the jog dial is rotated down (see figures 1-2, 4 and column 4, lines 14-20).

As to claim 8 and 32, Oh teaches an cancel or off indicator for turning the device off(see figures 1, 4 and column 4, lines 13-25).

As to claim 9, Kato et al teach that the application is activated when the jog dial is depressed a specified number of times (see figures 1, 9-12 and column 11, lines 13-25).

As to claims 2 and 13, Kato et al teach the jog dial(12) accesses the application when depressed longer than a specific duration of time(see figures 1; column 9, lines 27-32 and column 10, lines 53-58).

As to claims 10, 14 and 21-23, Oh teaches the jog dial application activation system having application icons and titles(see figure 4).

As to claim 24, Oh teaches a user manipulates the input component for a specified period to make the operating system function list appear(see figure 5 and column 4, lines 38-56).

3. Claims 7, 18 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oh(6,771,250) in view of Kato et al(6,297,795), Griffin et al(6,396,482) and Garthwaite et al(5,504,500).

Oh as modified fail to disclose the application list includes a cancel indicator for canceling an access.

Garthwaite et al the application list(704-706) includes a cancel indicator(706) for canceling an access(see figure 61; column 24, lines 46-68 and column 25, lines 1-47). It would have been obvious to have modified Oh as modified with the teaching of Garthwaite et al, so as to provide a quick way of conveying information to a user.

4. Claims 7, 12, 18, 29 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oh(6,771,250) in view of Kato et al(6,297,795), Griffin et al(6,396,482) and Takagi et al(4,885,704).

Oh as modified fail to disclose the application list includes a cancel indicator for canceling an access and a presentation of the application list occurs while an application is active.

Takagi et al teach an electronic device comprising the application list(Scanner, Printer, Display, File, Cancel, etc.) includes a cancel indicator(F10) for canceling an access and a presentation of the application list(Scanner, Printer, Display, File, Cancel, etc.) occurs while an application(e.g Printer, Display) is active(see figures 1-7; column 3, lines 21-21-41; column 4, lines 42-57 and column 5, lines 17-31). It would have been obvious to have modified Oh as modified with the teaching of Takagi et al, so as to provide a quick way of conveying information to a user.

Response to Arguments

5. Applicant's arguments with respect to claims 1-32 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yamagishi et al(6,178,338) teaches a communication terminal having a jog dial.

Someya et al(6,546,231) teaches a communication terminal having a jog dial.

Kärkkäinen et al(6,600,936) teaches a communication terminal having a jog dial(6).

Kraft et al(6,487,424) teaches teaches a communication terminal having a jog dial(10).

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lun-yi Lao whose telephone number is 571-272-7671. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 2, 2007

L. J. Lao

Lun-yi Lao
Primary Examiner